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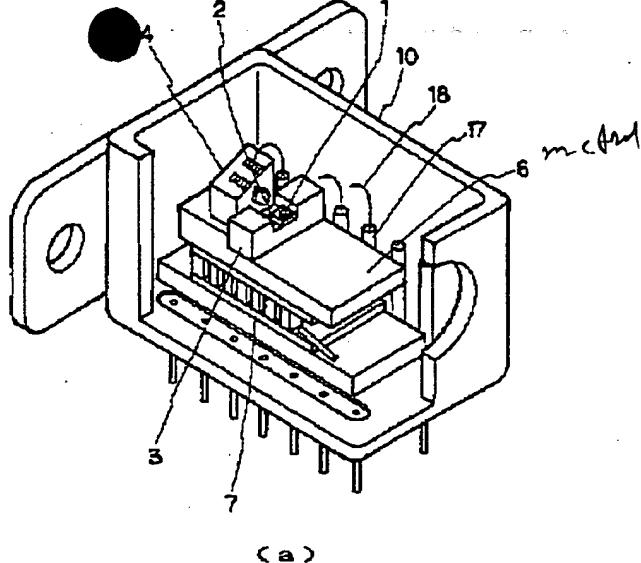
APPLICATION DATE : 15-02-93  
 APPLICATION NUMBER : 05025421

APPLICANT : OKI ELECTRIC IND CO LTD;

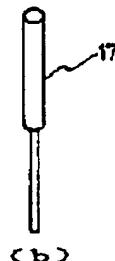
INVENTOR : IKEDA KATSUHIRO;

INT.CL. : H01L 33/00 H01L 31/0232 H01R  
 13/642

TITLE : OPTICAL FIBER MODULE



(a)



(b)

ABSTRACT : PURPOSE: To facilitate the setting of the conditions of a wiring and workability, and to obtain an optical fiber module having reliability for a prolonged term by making a sectional area on the side, where a pin is projected into a box body, wider than that on the side, where the pin is projected to the outside.

CONSTITUTION: A plurality of pins 17 are arranged in two rows while holding a metallic substrate 6. A sectional area on the side, where the pins 17 are projected into a box body 10, is widened. Consequently, the absorption of vibrations in the pins 17 and the vibrations of the pins 17 are prevented even when ultrasonic bonding is used, and wire bonding by ultrasonic bonding can be employed to the pins 17. Since no soldering is conducted, the difficulty of operation due to the connection of wires to the pins having a fine diameter by soldering is eliminated, thus preventing the damage of a component resulting from the difficulty of operation, then improving reliability.

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